

WHAT IS CLAIMED IS:

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1. A delay time adjusting circuit which
adjusts a delay time of an input signal so that a
phase of said input signal and a phase of an output
signal match each other, the circuit comprising:

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first dividing means for dividing a
frequency of said input signal by a first frequency
division rate;

delaying means for delaying said input
signal by a predetermined time;

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second dividing means for dividing a
frequency of said input signal delayed by said
delaying means by a second frequency division rate;

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comparing means for comparing a phase of a
signal generated by said first dividing means and a
phase of a signal generated by said second dividing
means; and

adjusting means for adjusting said
predetermined time according to a comparison result
obtained by said comparing means.

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2. The delay time adjusting circuit as
claimed in claim 1, wherein said first frequency
division rate is 1.

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3. The delay time adjusting circuit as
claimed in claim 1, wherein said comparing means

supplies a signal indicating said comparison result to said adjusting means according to said signal generated by said second dividing means.

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4. A delay time adjusting method which
adjusts a delay time of an input signal so that a
10 phase of said input signal and a phase of an output
signal match each other, the method comprising:

a first step of comparing a phase of a
signal generated by dividing, by a first frequency
division rate, a frequency of said input signal, and
15 a phase of a signal generated by dividing, by a
second frequency division rate, a frequency of said
input signal delayed by a predetermined time; and

a second step of adjusting said
predetermined time according to a comparison result
20 obtained by said first step of comparing so that
said phase of said signal generated by dividing by
said first frequency division rate and said phase of
said signal generated by dividing by said second
frequency division rate match each other.

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5. The delay time adjusting method as
30 claimed in claim 4, wherein said first frequency
division rate is 1.

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6. The delay time adjusting method as
claimed in claim 4, wherein said second step

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includes adjusting said predetermined time at a frequency according to said signal generated by dividing by said second frequency division rate.